

REPLACED BY  
ART 34 AMDT

THE FOLLOWING IS THE ENGLISH TRANSLATION OF THE  
ANNEXES TO THE INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT : AMENDED SHEETS (Pages 7, 15, and  
16).

What is claimed is:

1. A process for preparing antimicrobial polymers,  
which comprises  
5 polymerizing aliphatically unsaturated monomers which have been at  
least singly functionalized by means of a secondary amino group.
2. The process as claimed in claim 1,  
wherein  
10 aliphatically unsaturated monomers functionalized by means of a  
secondary amino group and having the general formula



- 15 where  $R^1$  is a branched, unbranched or cyclic, saturated or  
unsaturated hydrocarbon radical having up to  
50 carbon atoms which may have substitution  
by O atoms, N atoms or S atoms, and  
 $R^2$  is a branched, unbranched or cyclic, saturated  
20 or unsaturated hydrocarbon radical having up  
to 25 carbon atoms, which may have  
substitution by O atoms, N atoms or S atoms,  
are used.

- 25
3. The process as claimed in claim 1 or 2,  
wherein  
the polymerization is carried out using other aliphatically unsaturated  
monomers.
  - 30 4. The process as claimed in one of claims 1 to 3,  
wherein  
the polymerization is carried out on a substrate.
  5. The process as claimed in one of claims 1 to 4,

wherein

the polymerization is carried out as a graft polymerization of a substrate.

- 5 6. The process as claimed in claim 5,  
wherein  
the substrate is activated prior to the graft polymerization by UV  
radiation, plasma treatment, corona treatment, flame treatment,  
10 ozonization, electrical discharge or  $\gamma$ -radiation.
7. The process as claimed in claim 5,  
wherein  
the substrate is activated prior to the graft polymerization by UV  
radiation with a photosensitizer.
- 15 8. The use of the antimicrobial polymers prepared as claimed in one of  
claims 1 to 7 for producing products with an antimicrobial coating  
made from the polymer.
- 20 9. The use of the antimicrobial polymers prepared as claimed in one of  
claims 1 to 7 for producing items in medical technology with an  
antimicrobial coating made from the polymer.
- 25 10. The use of antimicrobial polymers prepared as claimed in one of  
claims 1 to 7 for producing hygiene items with an antimicrobial coating  
made from the polymer.
- 30 11. The use of the antimicrobial polymers prepared as claimed in one of  
claims 1 to 7 in surface coatings, in protective paints or in other  
coatings.